

160 is a LCD panel with a backlight and display component 170 is an image-splitting component. In this embodiment, when auxiliary lenses 20 are affixed to frame 30, the image projected by said display unit is split and reflected by component 170 through lenses 180a and 180b. Said image travels through said auxiliary lenses 20 along paths 200a and 200b. Optical elements 190a and 190b, in this embodiment each being a one-way mirror or the like and, if necessary, a lens, reflect said image into the eyes of the user. If optical units 190a or 190b reduce the amount of outside light entering the eye of the user, lenses 20 may be tinted to present a uniform appearance to the viewer. For a 3D-effect, the LCD shutter portions of components 180a and 180b may be triggered on
390 alternate frames of a video stream displayed by display unit 160.

In another embodiment of the invention, optical units 190a and 190b are displays and, if necessary, lenses. Display unit 160 is an electrical circuit and display component 170 is an electrical circuit that couples with 160. Electrical signals travel to 190a and 190b along paths 200a and 200b, respectively, which in this embodiment are of conductive material. The magnets 40 and magnets 50 when paired appropriately activate the display via turning the magnetic switch imbedded in the display's cell-battery on and when separated, deactivate the display by turning the magnetic switch off.

CLAIMS

400 Numerous modifications on the proffered description of the preferred embodiments of this invention can be envisioned by those skilled in the art; therefore the following disclosures should not be construed as limitations of the invention.

What is claimed is:

1. A combination eyeglass and auxiliary lens attachments selectively mountable thereon, comprising:
 - (a) an eyeglass frame having a pair of lenses mounted therein;
 - (b) auxiliary lenses;
 - 410 (c) a "first set" of magnetic mounts ("set" for purposes of this invention, meaning a series of mountable magnets and "first set" meaning user's choice of magnet quantity ranging from 4 to 6 per lens) attachable to the eyeglass frame;

(d) a second "complimentary set" of magnetic mounts ("complimentary set" for purposes of this invention, meaning an quantity of magnets equal to that selected in user's "first set" and having opposite poles such that for every magnet in the "first set" having a negative charge, it is paired with a magnet in the "complimentary set" having a positive charge; and, for magnets in the "first set" having a positive charge, the "complimentary set" will include a magnet with a negative charge) attachable to the outer edges of the auxiliary lenses corresponding to the placement of the magnets attached to the eyeglass frame.

420

2. A combination eyeglass and auxiliary lens attachments as defined in claim 1, wherein said both sets of magnetic mounts are permanently affixed to the eyeglass frame and outer edges of the auxiliary lenses respectively.

INVENTOR
JOHN STARNER
ASHBROOK

3. A combination eyeglass and auxiliary lens attachments as defined in claim 1, wherein the auxiliary lenses house electronic optical display systems.

430

4. A combination eyeglass and auxiliary lens attachments as defined in claim 3, wherein the eyeglass frame is also wired for voice input and output and or Internet connectivity and or an electrical circuit connected an LCD panel with a backlight and display component and or a mirror capable of reflecting and or splitting images generated on the LCD panel and directing them into the eye of the user.

5. A combination eyeglass and auxiliary lens attachments as defined in claim 3, wherein

- (a) the magnetic mounts are incrementally adjustable to accommodate the user's specific optical requirements with respect to minuscule calibrations of the auxiliary lens and or display system angle, pitch, roll and yaw; and
- (b) said magnetic mounts, provide an automatic "default" setting to which the combination eyeglass and auxiliary lens attachments are drawn when placed in proximity to each other in the approximate positions in which they were contemplated to attach.

440